

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Presta, et al.

Application Serial No. 09/724,524

Filed: November 27, 2000

For: **HUMAN TRK RECEPTORS AND  
NEUROTROPHIC FACTOR  
INHIBITORS**

Art Unit: 1642

Examiner: Davis, Minh-Tam

Attorney's Docket No: 39766-0033CP2C2

Express Mail Label No. EL 940 753 578 US

Date Mailed: March 22, 2003

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

**BOX FEE AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed below or on an attached Form PTO-1449 is information known to applicant(s). A copy of each listed publication and U.S. and foreign patent, except for pending U.S. applications, is being submitted herewith, along with a concise explanation of information in a foreign language, if any, pursuant to 37 C.F.R. §1.97-1.98.

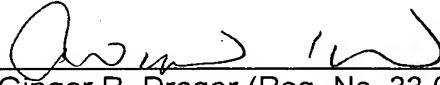
Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. If form PTO-1449 is enclosed, the Examiner is requested to initial and return it in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

The Commissioner is authorized to charge any fees which may be required under 37 CFR §1.16 or §1.17, to Deposit Account No. 08-1641, referencing Attorney's Docket No. 39766-0033CP2C2.

Respectfully submitted,

Date: April 22, 2003

  
Ginger R. Dreger (Reg. No. 33,055)

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Form PTO-1449

Attorney's Docket No. 39766-0033CP2C2

Application Serial No. 09/724,524

## INFORMATION DISCLOSURE STATEMENT

**Applicant(s)**

Presta, et al.

*(use several sheets if necessary)*

## Writing Skills

Group Art Unit: 1642

U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

#### OTHER DOCUMENTS

CHARTER DOCUMENTS  
(including author, title, date, pertinent pages, etc.)

**EXAMINER:**

**DATE CONSIDERED:**

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

*\*If an asterisk is placed beside the reference number, a copy is not provided because the reference was previously cited by or submitted to the PTO in a prior application that is identical in the statement and relied upon for an earlier filing date under 35 U.S.C. §120. 37 C.F.R. §1.98 (d).*

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Presta, et al. ) Group Art Unit Unknown  
)  
App. No. : 09/724,524 )  
)  
Filed : November 27, 2000 )  
)  
For : HUMAN TRK RECEPTORS )  
AND NEUROTROPHIC )  
FACTOR INHIBITORS )  
Examiner : Unknown

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Enclosed is form PTO-1449 listing references are not enclosed as they were previously submitted with application No. 08/359,705 filed on December 20, 1994. This Information Disclosure Statement is being filed within three months of the filing date of this application, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: January 23, 2001

By: Ginger R. Dreger

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FORM PTO-1449		U.S. Dept. of Commerce Patent and Trademark Office		Atty Docket No. GENENT:33CP2C2	Serial No. 09/724,524
LIST OF DISCLOSURES CITED BY APPLICANT (Use several sheets if necessary)				Applicant Presta et al.	
				Filing Date Nov. 27, 2000	Group Unknown

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Document Number	Date	Country	Class	Subclass	Translation Yes	Translation No
1	EP 455,460	06.11.91	EPO	C12N	15/12		
2	EP 522,530	13.01.93	EPO	C12N	15/12		

## OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)

3	Barde et al.. "Purification of a new neurotrophic factor from mammalian brain" <i>EMBO Journal</i> 1(5):549-553 (1982)
4	Barkmeier et al.. "Neurotrophin-5: A Novel Neurotrophic Factor That Activates trk and trkB" <i>Neuron</i> 7:857-866 (November 1991)
5	Davies et al.. "p75-Deficient Trigeminal Sensory Neurons Have an Altered Response to NGF but Not to Other Neurotrophins" <i>Neuron</i> 11:565-574 (October 1993)
6	Ernfors et al.. "Molecular cloning and neurotrophic activities of a protein with structural similarities to nerve growth factor: Developmental and topographical expression in the brain" <i>Proc. Natl. Acad. Sci. USA</i> 87:5454-5458 (July 1990)
7	Hallbook et al.. "Evolutionary Studies of the Nerve Growth Factor Family Reveal a Novel Member Abundantly Expressed in Xenopus Ovary" <i>Neuron</i> 6:845-858 (May 1991)
8	Herrmann et al.. "Mediation of NGF-stimulated Extracellular Matrix Invasion by the Human Melanoma Low-affinity p75 Neurotrophin Receptor: Melanoma p75 Functions Independently of trkA" <i>Mol. Biol. Cell</i> 4:1205-1215 (November 1993)
9	Hohn et al.. "Identification and characterization of a novel member of the nerve growth factor/brain-derived neurotrophic factor family" <i>Nature</i> 344:339-341 (March 22, 1990)
10	Ibanez et al.. "Disruption of the Low Affinity Receptor-Binding Site in NGF Allows Neuronal Survival and Differentiation by Binding to the trk Gene Product" <i>Cell</i> 69:329-341 (April 17, 1992)
11	Ip et al.. "Mammalian neurotrophin-4: Structure, chromosomal localization, tissue distribution, and receptor specificity" <i>Proc. Natl. Acad. Sci. USA</i> 89:3060-3064 (April 1992)
12	Jones et al.. "Molecular cloning of a human gene that is a member of the nerve growth factor family" <i>Proc. Natl. Acad. Sci. USA</i> 87:8060-8064 (1990)
13	Kaijho et al.. "Cloning and expression of a cDNA encoding a novel human neurotrophic factor" <i>FEBS Letters</i> 266(1,2):187-191 (June 1990)
14	Klein et al.. "The trkB Tyrosine Protein Kinase Is a Receptor for Brain-Derived Neurotrophic Factor and Neurotrophin-3" <i>Cell</i> 66:395-403 (July 26, 1991)
15	Klein et al.. "trkB, a novel tyrosine protein kinase receptor expressed during mouse neural development" <i>EMBO Journal</i> 8(12):3701-3709 (1989)
16	Lamballe et al.. "trkC, a New Member of the trk Family of Tyrosine Protein Kinases, Is a Receptor for Neurotrophin-3" <i>Cell</i> 66:967-979 (September 6, 1991)
17	Leibrock et al.. "Molecular cloning and expression of brain-derived neurotrophic factor" <i>Nature</i> 341:149-152 (September 14, 1989)
18	Levi-Montalcini et al.. "Nerve Growth Factor" <i>Physical Rev.</i> 48(3):535-569 (July 1968)

Examiner	Date Considered

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OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.)				
27	Allen et al.. "Cloning of a Non-catalytic Form of Human trkB and Distribution of Messenger RNA for trkB in Human Brain" <i>Neuroscience</i> 60(3):825-834 (1994)			
28	Dowbarn et al.. "Cloning of a Human trkB Gene and Distribution in Human Brain by in situ Hybridization" <i>British Journal of Pharmacology (Proceedings Supplement)</i> 111 (1994)			
29	Eager, "Molecular Characterization of Human trk Proto-oncogene Product Monoclonal Antibodies" <i>Oncogene</i> 6:819-824 (1991)			
30	Mark et al.. "Expression and characterization of hepatocyte growth factor receptor-IgG fusion protein" <i>Journal of Biological Chemistry</i> 267(36):26166-26171 (1992)			
31	McGregor et al.. "Molecular Cloning of the cDNA for Human trkC (NTRK3). Chromosomal Assignment, and Evidence for a Splice Variant" <i>Genomics</i> 22:267-272 (1994)			
32	Nakagawara et al.. "Cloning and Chromosomal Localization of the Human trk-B Tyrosine Kinase Receptor Gene (NTRK2)" <i>Genomics</i> 25(2):538-546 (1995)			
33	Shelton et al.. "Human trks. Molecular Cloning, Tissue Distribution, and Expression of Extracellular Domain Immunoadhesins" <i>The Journal of Neuroscience</i> 15(1):477-491 (1995)			
34	Shelton et al.. "Molecular Cloning and Expression of Human trk trkB, and trkC" <i>Society for Neuroscience Abstracts</i> 19(1-3):1301 (1993)			
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19	Maisonneuve et al., "Neurotrophin-3: A Neurotrophic Factor Related to NGF and BDNF" <i>Science</i> 247:1446-1451 (March 23, 1990)					
20	Meakin et al., "The nerve growth factor family of receptors" <i>TINS</i> 15(9):323-331 (1992)					
21	Middlemas et al., "trkB, a Neural Receptor Protein-Tyrosine Kinase: Evidence for a Full-Length and Two Truncated Receptors" <i>Molecular &amp; Cellular Biology</i> 11(1):183-153 (January 1991)					
22	Rabizadeh et al., "Induction of Apoptosis by the Low-Affinity NGF Receptor" <i>Science</i> 261:345-348 (July 16, 1993)					
23	Rodriguez-Tedder et al., "Binding of neurotrophin-3 to its neuronal receptors and interactions with nerve growth factor and brain-derived neurotrophic factor" <i>EMBO Journal</i> 11(3):917-922 (1992)					
24	Rosenthal et al., "Primary Structure and Biological Activity of a Novel Human Neurotrophic Factor" <i>Neuron</i> 4:767-773 (May 1990)					
25	Squinto et al., "trkB Encodes a Functional Receptor for Brain-Derived Neurotrophic Factor and Neurotrophin-3 but Not Nerve Growth Factor" <i>Cell</i> 65:885-893 (May 31, 1991)					
26	Thoenen et al., "The Physiological Function of Nerve Growth Factor in the Central Nervous System: Comparison With the Periphery" <i>Rev. Physiol. Biochem. Pharmacol.</i> 109:146-178 (1987)					
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